

REMARKS

Claims 1, 2, 5-15, 21 and 26 are pending in the application. Claims 1 and 5 have been amended hereby. Claims 1, 6, 10, 12, and 15 are in independent form. Favorable reconsideration is requested.

Applicants note with appreciation the allowance of Claims 6, 7, 10-12, and 15.

Reconsideration is respectfully requested of the rejection of Claims 1, 2, 5, 21, and 26 under 35 U.S.C. §103(a), as being obvious over U.S. Patent Publication No. 2003/0040314 (“Hogan”) in view of U.S. Patent No. 6,510,318 (“Minagawa”); of the rejection of Claims 8 and 9, as being obvious over Hogan in view of Minagawa and U.S. Patent No. 6,058,311 (“Tsukagoshi”); and of the rejection of Claims 13 and 14, as being obvious over Hogan in view of Minagawa and U.S. Patent No. 6,493,555 (“Saada”).

Amended independent Claim 1 includes a recitation of features of “a giving unit giving the specific base station the system broadcast information containing a location area identifier for the specific base station that is different from location area identifiers broadcasted in cells adjacent to the cell of specific base station . . . the giving unit is provided in a base station control apparatus . . . the base station control apparatus includes a conversion unit converting a location area identifier of a location area, to which the specific base station belongs, the location area identifier being received from a location management apparatus managing the location of each terminal existing in the location area, into a unique location area identifier for the specific base station to make the system broadcast information containing the unique location area identifier.”

In Minagawa, cited for these features, FIG.2 shows that radio zones belonging to each of the location registration areas are changed in accordance with the time zone. FIGS. 4A and 4B show the location registration acceptance table stored in the database 2, which associates a

mobile station with a radio zone (zone code), in which the mobile station has made a location registration, in relation to a location registration acceptance time instant (column 4, lines 32-38).

However, it is respectfully submitted that Minagawa does not teach or suggest that a control station 1 converts a location registration code from a database 2 into a different location registration code. That is, Minagawa fails to teach or suggest that a conversion unit using a conversion table in the base station control apparatus converts a location area identifier of a location area received from a location management apparatus into a unique location area identifier for the specific base station to make system broadcast information containing the unique location area identifier.

Therefore, Minagawa fails to teach or suggest that “the base station control apparatus includes a conversion unit converting a location area identifier of a location area, to which the specific base station belongs, the location area identifier being received from a location management apparatus managing the location of each terminal existing in the location area, into a unique location area identifier for the specific base station to make the system broadcast information containing the unique location area identifier,” as recited in amended independent Claim 1.

Further, it is respectfully submitted that Hogan also fails to teach or suggest the aforementioned features of Claim 1.

For at least foregoing reasons, it is respectfully submitted that amended independent Claim 1 patentably distinguishes over Hogan and Minagawa.

Claim 5 depends from claim 1, and so at least similarly distinguishes over the asserted combination of references. Moreover, Claim 5 includes a further feature of “the conversion unit converts the location area identifier for the specific base station contained in the location

updating request from the terminal . . . into the original location area identifier of the location area . . . by use of the conversion table, in order to transmit the location updating request containing the original location area identifier.” The cited references do not teach or suggest at least “a conversion unit in the base station control apparatus converting the unique location area identifier contained in the location updating request into the original location area identifier to transmit the location updating request to the location management apparatus,” as recited in amended Claim 5.

Accordingly, it is respectfully submitted that amended independent Claim 1, and the claims depending therefrom, are patentably distinct over the cited references, alone or in any possible combination.

In view of the amendments and remarks set forth above, this application is believed to be in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Favorable reconsideration is earnestly solicited.

Respectfully submitted,

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